



## New Technology

- Flange protection from chemical and mechanical erosion
- Low Emission
- Available also in FIRE SAFE configuration

 **CARRARI**<sup>®</sup>  
PACKINGS AND GASKETS

# PLANISTEEL PROTECTOR

**PLANISTEEL PROTECTOR.** Is not only a gasket, but a sealing system that protects the flanges from chemical and mechanical erosion reducing maintenance costs.

# PLANISTEEL PROTECTOR

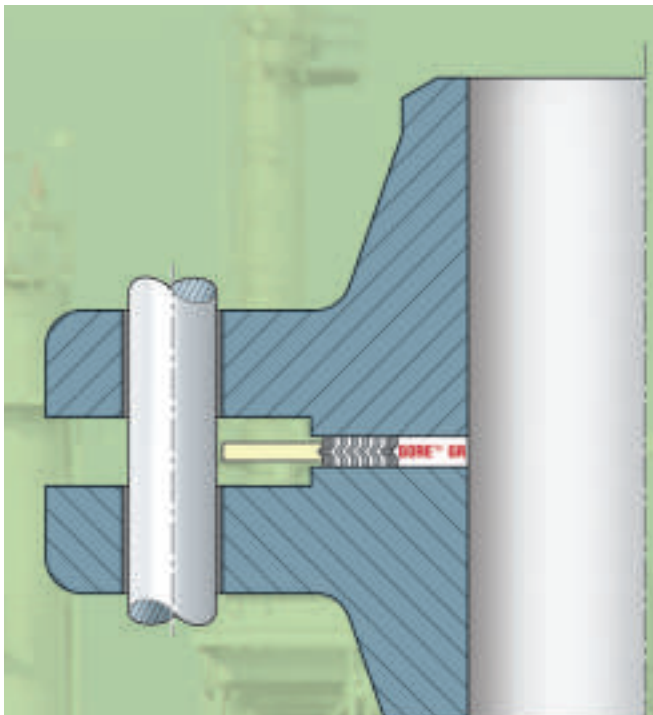
**PLANISTEEL PROTECTOR.** Offers relevant benefits protecting the flanges and delaying the scheduled maintenance lead time.

## PLANISTEEL PROTECTOR

**PLANISTEEL PROTECTOR.** It's the new gasket that protects the flanges from chemical erosion that occurs frequently in the chemical, petrochemical and refinery plants. Engineered specifically for Alkylation Unit, PLANISTEEL PROTECTOR is suitable in all other application where the target is the preservation of the flanges.

**PLANISTEEL PROTECTOR.** The GORE™ GR gaskets dimensions is likely to be aligned to the edge of the flange. This avoids the swirl of fluid between the flanges, reducing the erosion of the edge because the fluid proceeds linearly. The gaskets is suitable in configuration FIRE SAFE if equipped with graphite filler.

**PLANISTEEL PROTECTOR** is the double seal for flanges. The GORE™ GR gasket thickness 9 mm has been selected to guarantee the perfect density when the gasket is compressed up to 3.20 mm thickness.



## PLANISTEEL PROTECTOR

### SPIRAL WOUND

- Standard ASME B16.20, EN 1514-2 and other standard
- Winding: Stainless Steel o Alloy Steel
- Filler: Pure Flexible Graphite or PTFE
- Outer ring: Carbon Steel or Stainless or Alloy Steel
- Thickness: Spiral 4,50 mm Rings 3.20 mm

### GORE™ GR

- Thickness: 9,00 mm
- Maximum temperature: 260°C
- Chemical range: 0 ÷ 14
- Certificate: FDA 21 CFR

**Disclaimer:** The technical information reported are based on the CARRARA S.p.A experiences concerning the sealing devices. In view of the wide variety of possible installation and operating conditions the outlined product performance can not be extended to any application. The data may not be used to support warranty claims. CARRARA S.p.A disclaims any liability for damage to persons and things derived from an improper use of the product. CARRARA S.p.A can modify this data sheet without notice and notification.



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